



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday, October 15, 2017

Issued: 0800 CT

Day 1 Weather Impacts: *No significant weather is expected.*

River Flood Impacts: *Minor to Moderate river flooding will continue on the Nueces River in S TX.*

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today through Thursday

- The Nueces River is moving water downstream; Bluntzer has crested in moderate flood and will continue to very slowly fall over the next several days, Calallen will continue rising and is expected to crest in minor flood on Monday then remain steady through much of the week.
- No other significant weather is expected this week

Tropical Outlook

- Hurricane Ophelia in the eastern Atlantic is forecast to move towards Ireland with no impacts to Region 6
- A broad area of low pressure is now centered a little more than 100 miles north of Puerto Rico. Further development of this system, if any, will likely occur while the low and its associated activity move toward the northwest and north during the next two to three days. After that time, this system is expected to merge with a cold front.
 - Formation chance through 48 hours...low...30%
 - Formation chance through 5 days...medium...50%

FEMA Region 6 Threat Matrix

Oct 15, 2017 - Oct 19, 2017

	SUN	MON	TUE	WED	THU
Severe Weather					
Heavy Rain / Flash Flooding					
Fire Weather					
River Flooding	S TX	S TX	S TX	S TX	S TX
Tropical Weather					

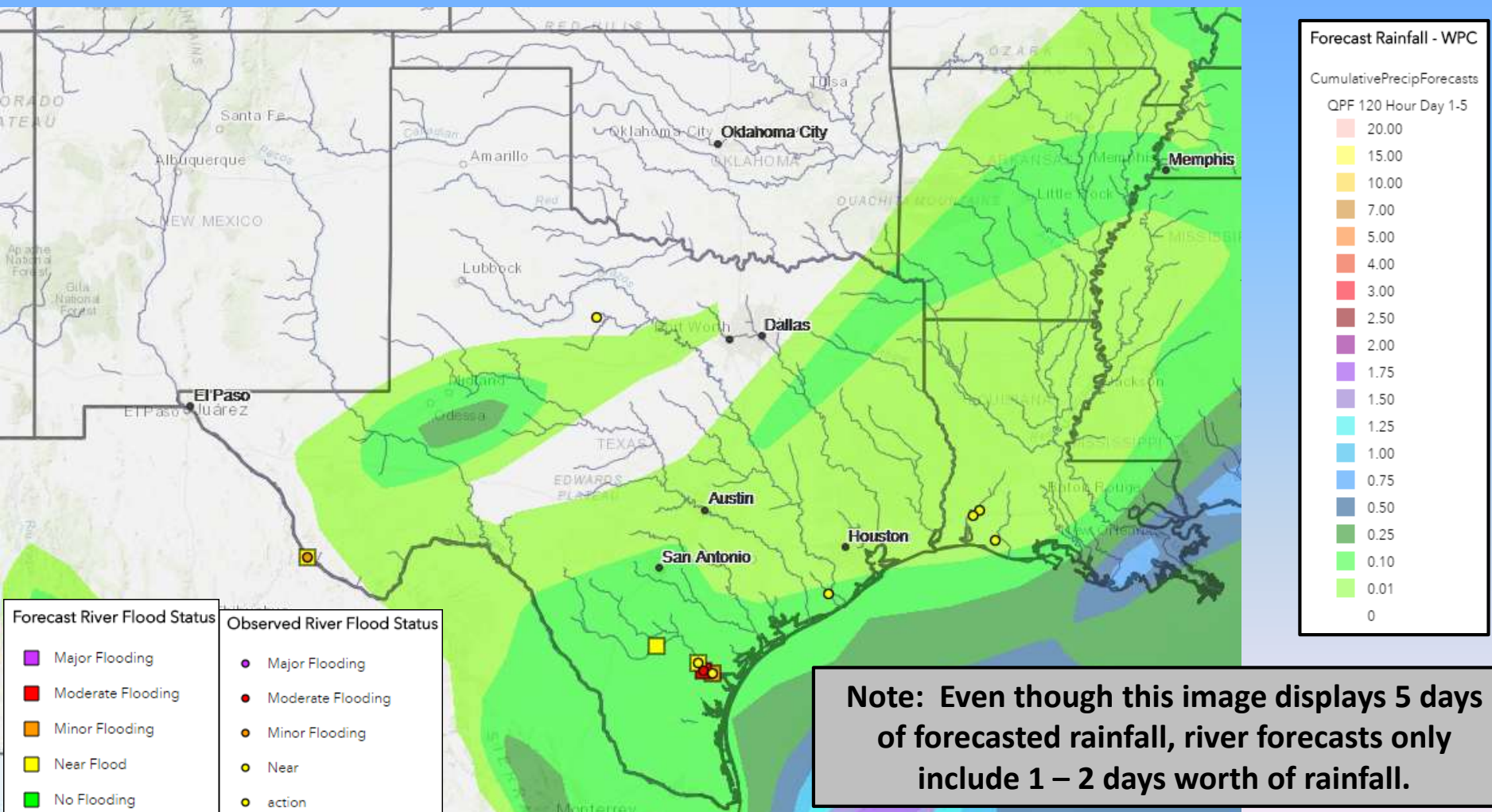
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

The Nueces River is moving water downstream; Bluntzer has crested in Moderate flood and will continue to very slowly fall over the next several days, Calallen will continue rising and is expected to crest in Minor flood on Monday then remain steady through much of the week. Numerous secondary roads and low bridges are under water at these levels.



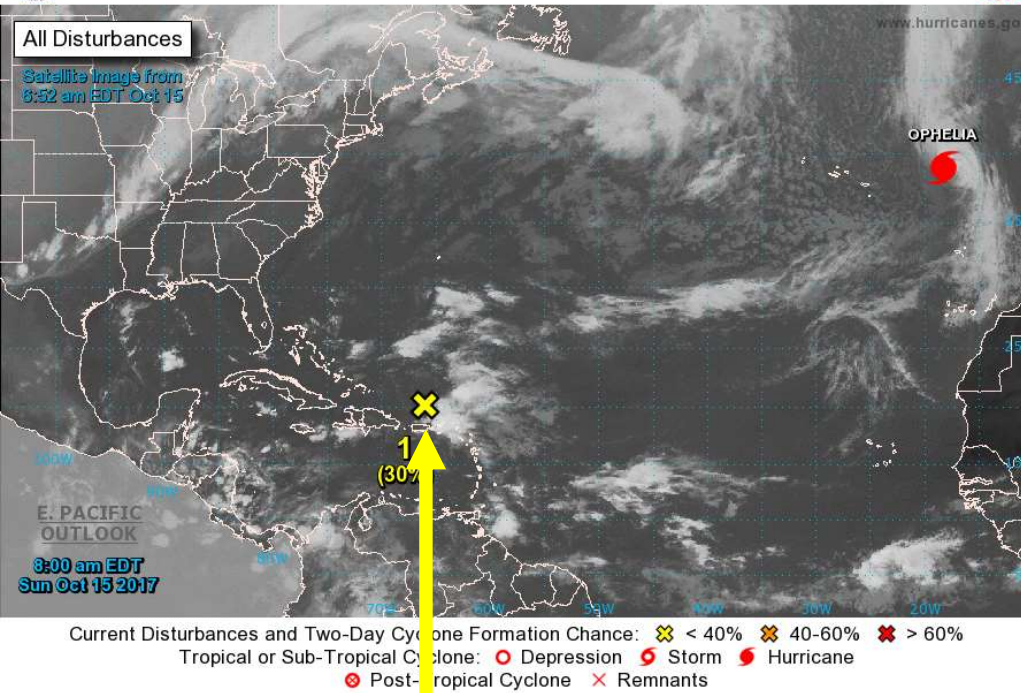
For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook

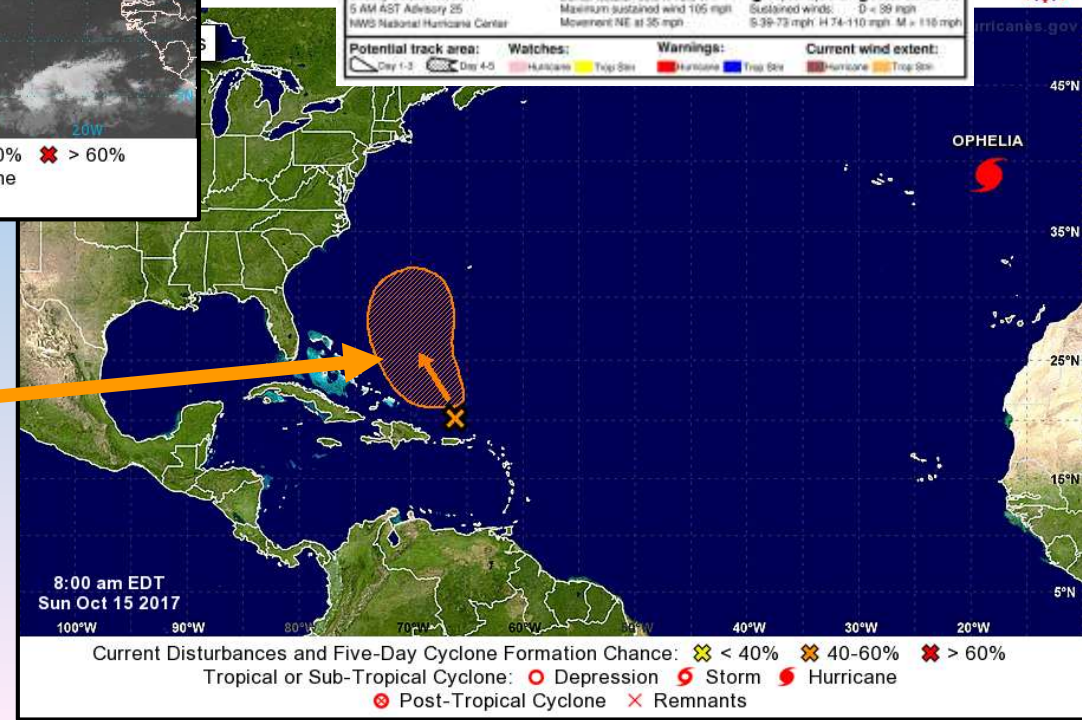
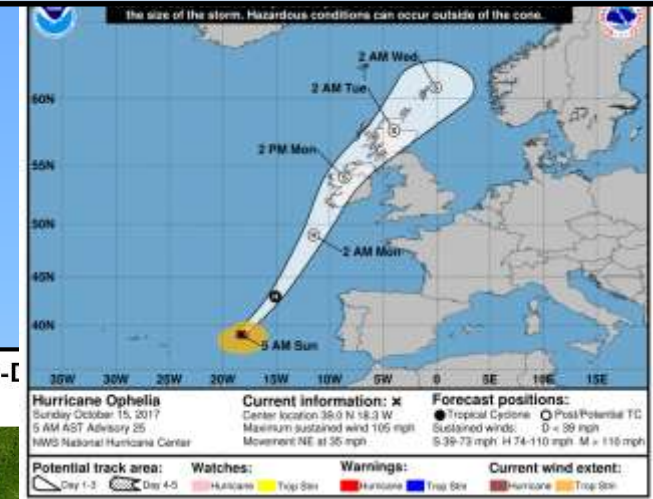


Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



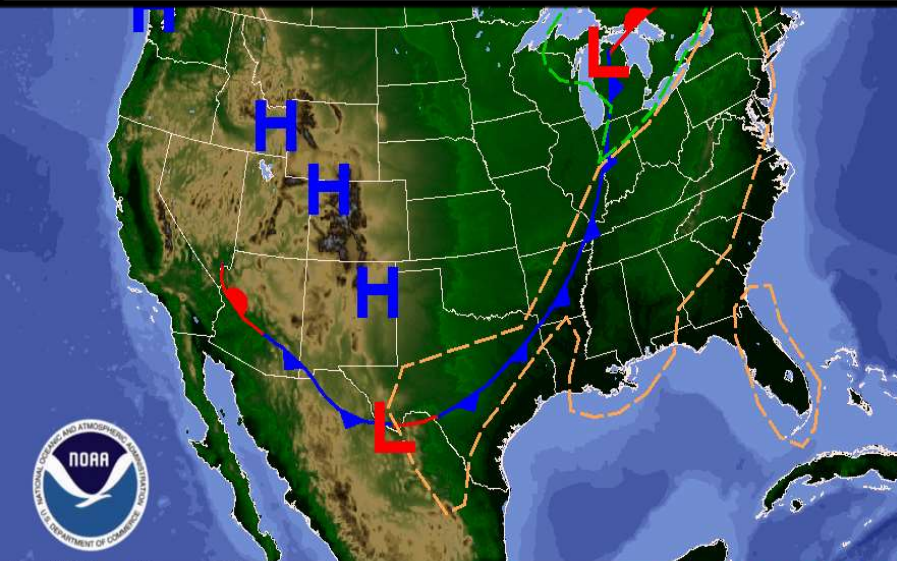
Hurricane Ophelia is moving towards Ireland and will have no impacts to Region 6.



A broad area of low pressure is centered a little more than 100 miles north of Puerto Rico. Further development of this system, if any, will likely occur while the low and its associated activity move toward the northwest and north during the next two to three days. After that time, the system is expected to merge with a cold front.

Formation chance through 48 hours...low...30%
Formation chance through 5 days...medium...50%

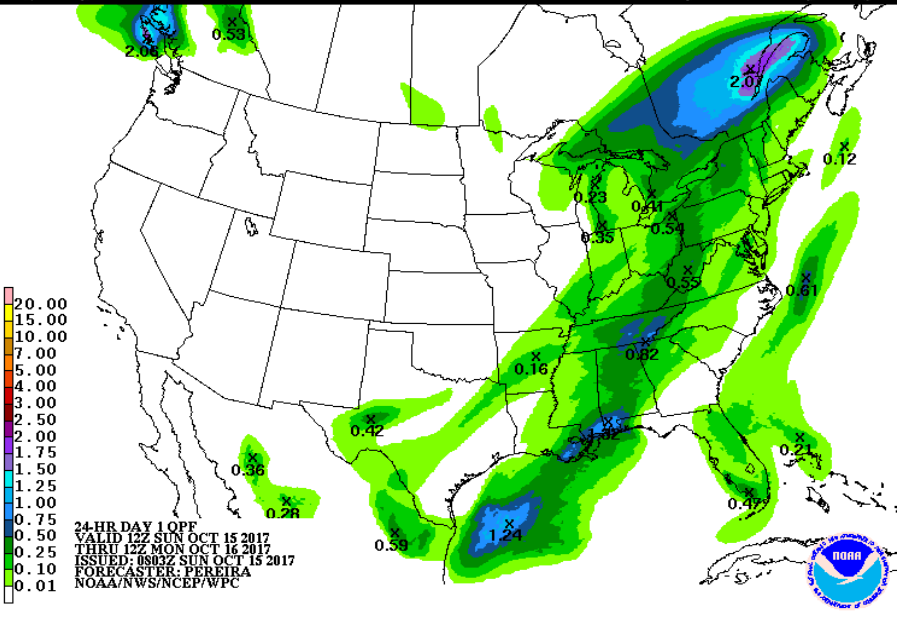
Today's Weather



Day 1 National Forecast Chart

Valid Sun, Oct 15, 2017, issued 4:29 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

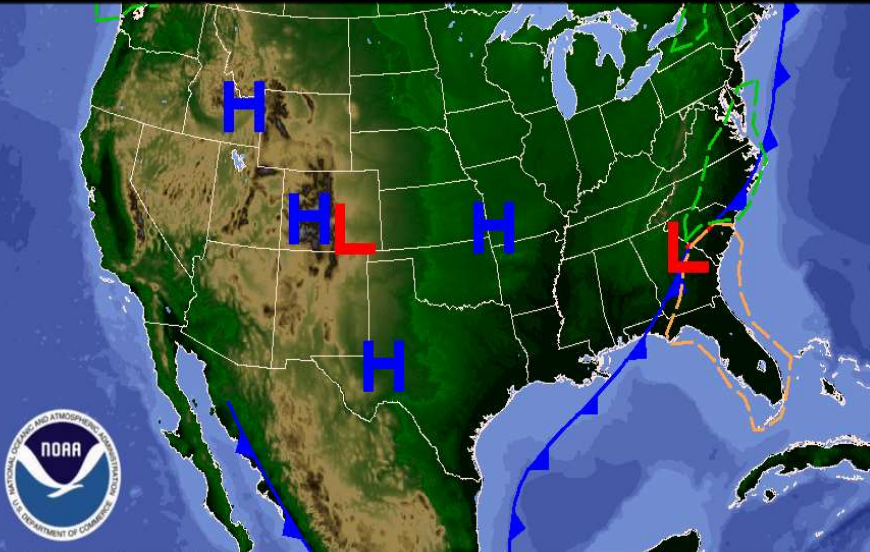


The Nueces River is moving water downstream and is in Moderate Flood at Bluntzer and is expected to continue rising at Calallen into Minor Flood tonight.



Tomorrow's Weather

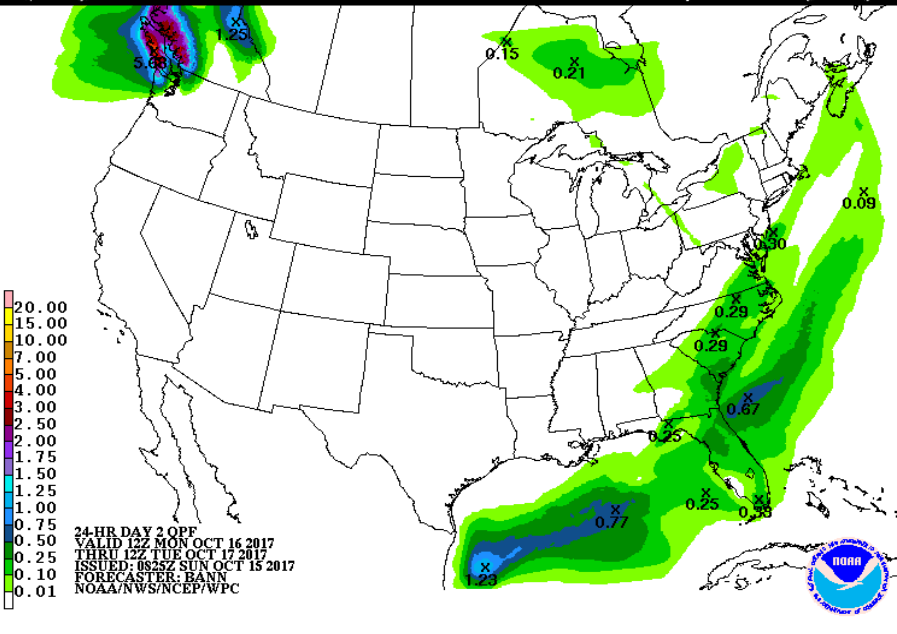
The Nueces River will continue moving water downstream and will continue in Moderate Flood at Bluntzer and crest in minor flood at Calallen.



Day 2 National Forecast Chart

Valid Mon, Oct 16, 2017, issued 4:35 AM EDT Sun, Oct 15, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

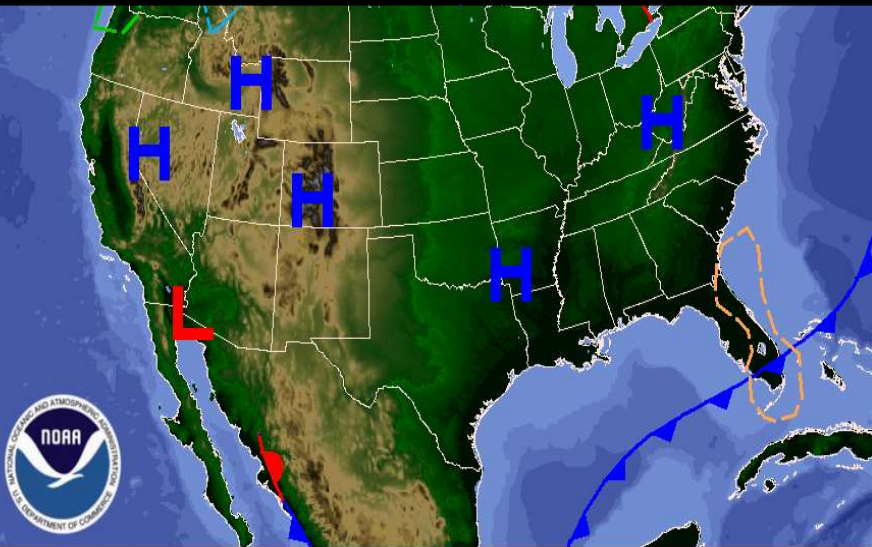


24-HR DAY 2 O/PF
VALID 12Z MON OCT 16 2017
THRU 12Z TUE OCT 17 2017
ISSUED: 08:52Z SUN OCT 15 2017
FORECASTER: BANN
NOAA/NWS/NCEP/WPC



National Weather Service
Storm Prediction Center
<http://www.spc.noaa.gov>

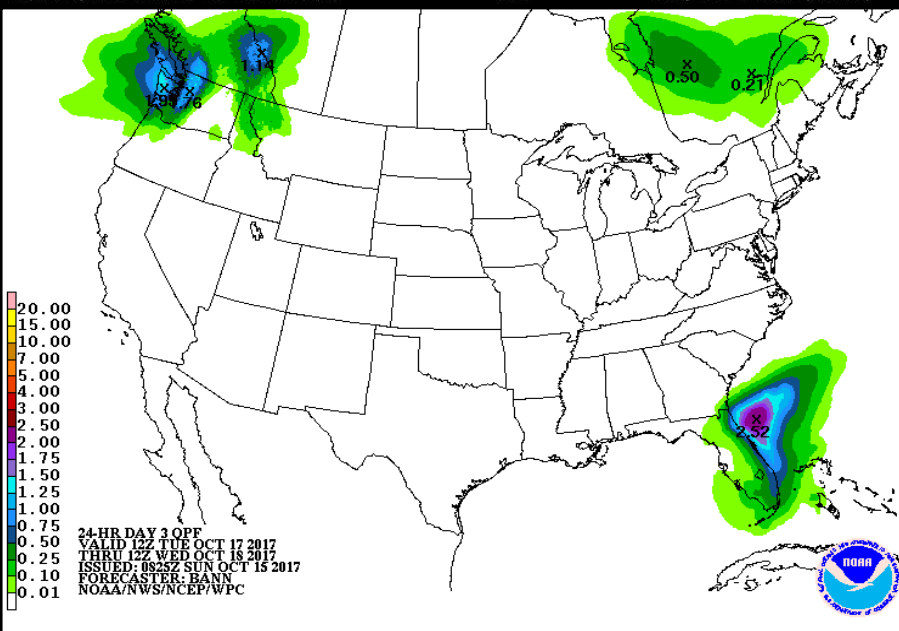
Tuesday's Weather



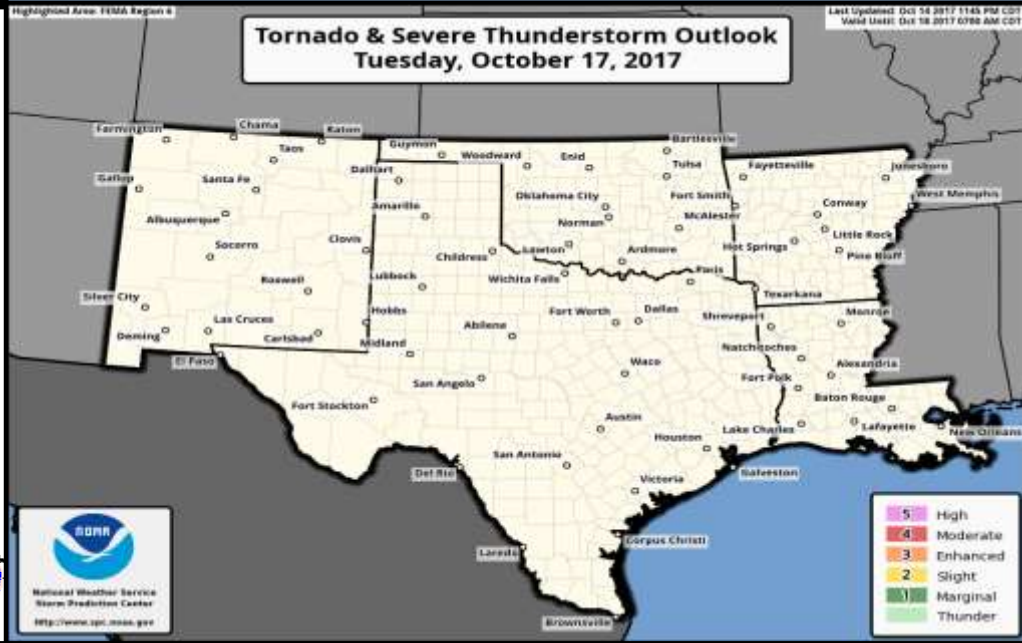
Day 3 National Forecast Chart

Valid Tue, Oct 17, 2017, issued 4:41 AM EDT Sun, Oct 15, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



The minor to moderate flooding of the Nueces River will continue a very slow fall at Bluntzer and Calallen.









Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



No Significant Weather Impacts.

**Minor to Moderate
Flooding will continue
on the Nueces River.**

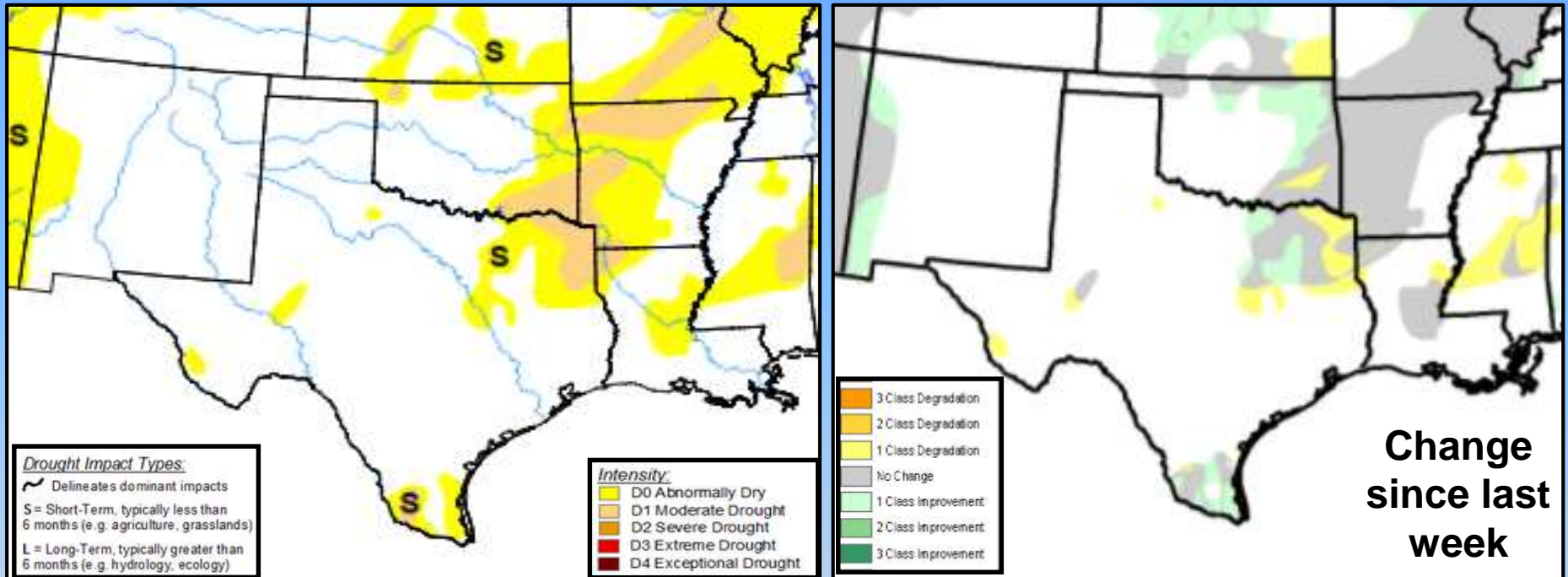
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
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***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**



Drought Monitor Released 12 October, 2017

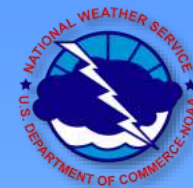
Data valid as of 7am CDT, Tuesday, October 10, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

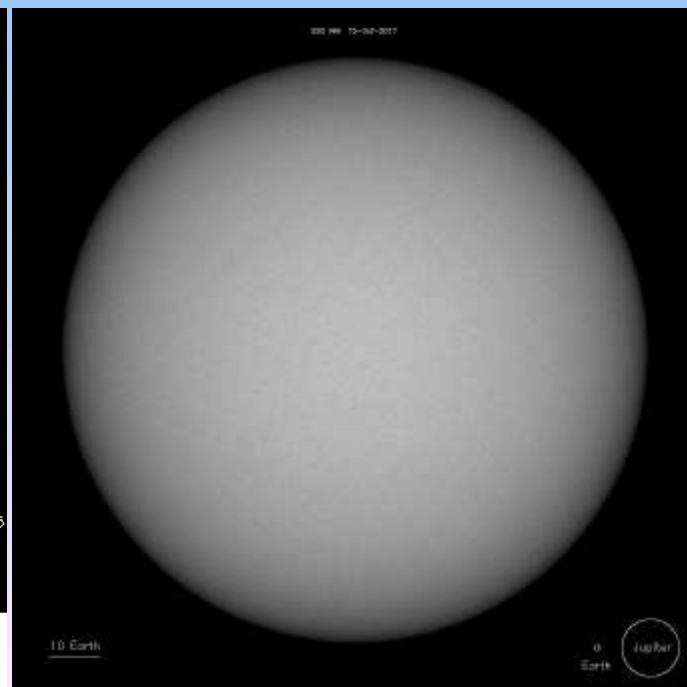
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms